

**NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEW**

The drawing(s) filed (insert date) 4-13-99 are:

A.  Approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

REVIEWER'S COMMENTS

**BEST AVAILABLE COPY**

1. DRAWINGS. 37 CFR 1.84(b): Acceptable categories of drawings:  
 Black and white, color, or blue prints or drawings.  
 Color drawings are not acceptable until option is granted.  
 Fig(s) \_\_\_\_\_

2. PHOTOGRAPHS. 37 CFR 1.84(b):  
 1 full-tone set is required. Fig(s) \_\_\_\_\_  
 Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) \_\_\_\_\_  
 Poor quality (half-tone). Fig(s) \_\_\_\_\_

3. TYPE OF PAPER. 37 CFR 1.84(c):  
 Paper and materials strong, white, and flexible; suitable weight with best surface finish; acceptable contrast and quality; defined clean, sharp, and black (good for prints).  
 Fig(s) \_\_\_\_\_

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  
 21.0 cm by 29.7 cm (DIN size A4).  
 21.6 cm by 27.9 cm (8 1/2 x 11 inches).  
 All drawings must be the same size.  
 Sheet(s) \_\_\_\_\_  
 Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:  
 849. OPTICAL PRINTING: Left 2.5cm Right 1.5 cm Bottom 1.0 cm  
 Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm  
 SIZE: A4 Size  
 Top (T) \_\_\_\_\_ Left (L) \_\_\_\_\_ Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_  
 Margin not acceptable. Fig(s) 4-13-99

6. VIEWS. 37 CFR 1.84(h):  
 REMINDER: Specification may require revision to correspond to drawing changes.  
 Partial views. 37 CFR 1.84(h)(2)  
 Brackets needed to show figure as one entity.  
 Fig(s) \_\_\_\_\_  
 Views not labeled separately or properly.  
 Fig(s) \_\_\_\_\_  
 Enlarged view not labeled separately or properly.  
 Fig(s) \_\_\_\_\_

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3):  
 Hatching not indicated for sectional portions of an object.  
 Fig(s) \_\_\_\_\_  
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(j):  
 Views do not appear out of sequence, or out of registration with the page or other views as required so that the page does not become the right side, except for prints. Fig(s) \_\_\_\_\_

9. SCALE. 37 CFR 1.84(k): Blueprints given to scale.  
 Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.  
 Fig(s) \_\_\_\_\_

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l):  
 Solid black strokes. Fig(s) \_\_\_\_\_  
 Solid black shading not permitted. Fig(s) \_\_\_\_\_

11. SHADING. 37 CFR 1.84(m): Shaded areas must be uniform, soft, and solid. Fig(s) \_\_\_\_\_  
 Solid black strokes. Fig(s) \_\_\_\_\_  
 Solid black shading not permitted. Fig(s) \_\_\_\_\_

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(n):  
 Numbers and reference characters not oriented in the same direction. Fig(s) 4-13-99  
 Numbers and reference characters not oriented in the same direction. Fig(s) 4-13-99  
 English alphabet not used. 37 CFR 1.84(p)(2)

13. LEAD LINES. 37 CFR 1.84(q):  
 Lead lines cross each other. Fig(s) \_\_\_\_\_  
 Lead lines missing. Fig(s) \_\_\_\_\_

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r):  
 Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) \_\_\_\_\_

15. NUMBERING OF VIEWS. 37 CFR 1.84(u):  
 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

16. CORRECTIONS. 37 CFR 1.84(w):  
 Corrections not made from prior PTO-948 dated \_\_\_\_\_

17. DESIGN DRAWINGS. 37 CFR 1.152:  
 Surface shading shown not appropriate. Fig(s) \_\_\_\_\_  
 Solid black shading not used for color contrast. Fig(s) \_\_\_\_\_

**COMMENTS**

REVIEWER J

DATE 7-21-99 TELEPHONE NO. 703 305 8430

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ATTACHMENT TO PAPER NO. \_\_\_\_\_

## **INFORMATION ON HOW TO EFFECT DRAWING CHANGES**

## **1. Correction of Informalities—37 CFR 1.85**

File new drawings with the changes incorporated therein. The application number, the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(e). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTO-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

## 2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTO-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file the corrected drawings as soon as possible.

Failure to take corrective action within set or extended period will result in ABANDONMENT of the Application.

**3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948**

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made other than correction of informalities, unless the examiner has approved the proposed changes. (17, 307)

## COMMOD

RECEIVED 5-25-55 TELMEXO 11-11-55 DATE 5-25-55 BY 5-25-55 RIVERSIDE